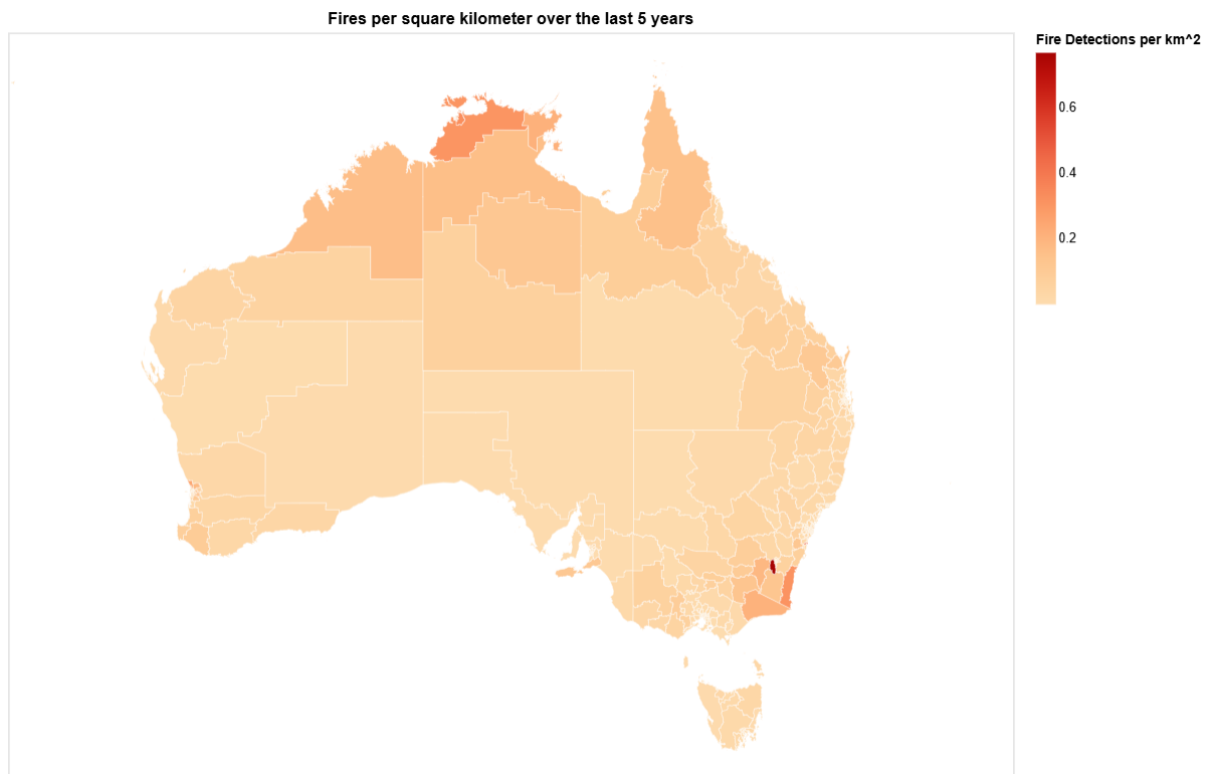


Luke O'Brien 33857067 Wednesday 10am Bruno Mendivez Vasquez

Embedded Vega Plot:

<https://lukeuniwork.github.io/Homeworkwk9>



Domain: Australian 2021 Census data combined with NASA MODIS satellite data for fire detection.

Visualised data set: SA3 for Australia, as well as all fire detection locations in last 5 years.

Data transformations: As shown, the number of fires in each SA3 region is divided by the area of that region.

Justification: Originally, I was just going to use a dot map, but there was just so many fires that it got a bit messy. While a little bit of information is lost by just taking the fires in each region, the readability improvements of using a choropleth map make it worth it.